

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: July 28, 2004 / 8:30 am

Site Contact(s): Carolyn Hicks
Phone: (303) 994-9555

Regulatory Contact: Harlen Ainscough
Phone: (303) 692-3337

Agency: CDPHE

Purpose of Contact: Approval of rinsate standard results for contingent closure of floors in Building 776 Rooms 118, 127, 127 basement, 134 west, and 135

Discussion:

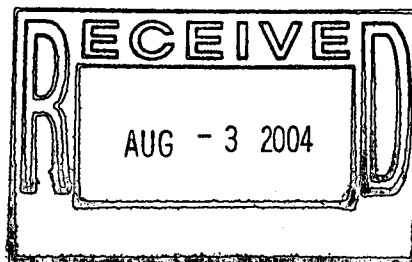
The following RCRA areas in B776 were washed and rinsed for RCRA Closure:

- Unit 49.01, Room 118, Production FBI
- Unit 776.1, Room 127
- Unit 90.99, Room 127 basement
- Unit 776.1, Room 134W (south half by ASRF)
- Unit 49.02, Room 135, Pilot FBI

Rinsate samples were analyzed and compared to the closure performance standard in Section 4.5.1.1 of the B776/777 Decommissioning Operations Plan (DOP). Five metals (antimony, cadmium, chromium, lead, and mercury) had levels above the RFCA Tier II action level and one lead result was also above the RCRA Universal Treatment Standard (UTS), although well below the RCRA characteristic level. In addition, one barium result was above the RCRA UTS but below the RFCA Tier II level and below the RCRA characteristic level.

The DOP states, "In the event the standard is not met, the LRA will be consulted to determine whether the results are protective of human health and the environment." On July 20, 2004, a summary of the rinsate results was provided to Mr. Ainscough via email, with a request to evaluate if the results were adequately protective, given that the concrete will go offsite as low level waste for disposal.

On July 28, 2004, Mr. Ainscough concurred that the areas in question have been closed, contingent on final disposition of the building by removal, as is required in the approved Demolition Plan for the facility. The waste will be managed as non-hazardous low-level debris for disposal.



Contact Record Prepared By: Carolyn Hicks

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